

REGISTRATION FORM:

Name: _____

Address:

City: _____

Zip: _____

Phone#: _____

**PLEASE CIRCLE ONE: OT,
COTA, PT, PTA**

Space is limited, please register early.

TUITION: \$300.00 before March 20,
2009 , \$325.00 after

Please make checks payable and mail
to:

South Florida Rehabilitation
Consultants, Inc.

9055 SW 87 Ave. Suite 312 Miami, FL.
33176

For your convenience you may also
register using Visa or MasterCard by
calling us or visit our website
www.floridarehab.net

7 CEH's for OT's/ 8 CEH's for PT's
applied for in the State of Florida

South Florida Rehabilitation Consultants, Inc.
9055 SW 87 Ave. Suite 312
Miami, Florida 33176

**PHARMACOLOGY
FUNDAMENTALS FOR
REHABILITATION
HEALTH
PROFESSIONALS**

Presented by:

South Florida Rehabilitation
Consultants, Inc.

And

BAPTIST HOSPITAL OF MIAMI

DATE: April 25, 2009

FOR INFORMATION CALL:

Phone: 305-412-9099

Fax: 305-412-9098

INSTRUCTOR:

Mark S.Nash, Ph.D FACSM Associate Professor
Departments of Neurological Surgery ,

Rehabilitation Medicine, and Physical Therapy
Miller School of Medicine, University of Miami.
Mark S.Nash, Ph.D is a tenured Associate
Professor of Neurological Surgery, Rehabilitation
Medicine, and Physical Therapy at the Miller
School of Medicine, University of Miami. Dr.
Nash earned his Ph.D in applied physiology and
clinical anatomy from the University of Toledo and
the Medical College of Ohio at Toledo. He joined
the faculty of Neurological Surgery in 1984 as
Director of the Functional Electrical Stimulation
Research Laboratory and Project Coordinator of
the South Florida Regional Spinal Cord Injury
System. When the Miami Project was established
in 1985 Dr. Nash was named a founding Principal
Investigator, a position he still holds today as
Director of the Applied Physiology Research
Laboratory. In 1989 he was named to the faculty
of the Division of Physical Therapy where he
teaches physical therapy courses in *Pharmacology*,
Therapeutic Physiology, and *Pathiology of Human
Function*, as well as selected topics encompassing
autonomic physiology and immune hypersensitivity
disorders.

Course Location:

Baptist Hospital of Miami -Auditorium
8900 North Kendall Drive Miami, FL
33176 305-596-1960. From the North;
take I-95 to US1 go west on Kendall
Drive. Or take Turnpike: South to Kendall
Drive (88th Street) exit. Exit East 33
blocks to 89th Avenue first right entrance
to hospital at light. From West: take I-75
South to Palmetto to North Kendall Drive
and exit west to hospital. Follow signs to
Auditorium, 3rd floor of the South
Building. Free parking available at the
Medical Arts Building parking garage.

Day One

Schedule

8:00-9:00 General Principles of
Pharmacology
9:00-10:00 Inflammation and Pain
Treatment of Nociceptive and
Neuropathic Pain

10:00- 10:15: Break

10:15-11:15- The Musculoskeletal
System Treatment of Osteonecrosis,
Osteoarthritis, Rheumatoid Arthritis,
Myositis Ossificans, Hypertonia/
Spasm.

11:15-NOON The Respiratory System
Treatment of Asthmatic Bronchitis,
COPD, Sinusitis

NOON-1:00Pm LUNCH BREAK

1:00-2:30 The Cardiovascular System
Treatment of: Hypertension, Angina,
Congestive Heart Failure, Lipid
Disorders, Peripheral Arterial Diseases
2:30-2:45 Break

2:45-3:45 The Neurological System
Treatment of Depression, Anxiety,
Parkinson's Disease, Dementia,
Psychosis, Stroke.

3:45-4:30 The Endocrine System
Treatment of Obesity, Diabetes,
Osteoporosis, Menopause

4:30-4:50 Over the counter medications
and herbal Products

4:50-5:00 Course Wrap-Up and Adjourn

Course Description: Patients undergoing
rehabilitation therapy , routinely take prescription
drugs and over-the-counter medications. These
drugs and medications influence how and whether
patients benefits from these programs. Thus,
knowledge of drug administration , actions, and
adverse events increases the probability of safe and
effective habilitation and rehabilitation outcomes.
This course will examine drug families and drugs
commonly used in medical practice and
rehabilitation across the spectra of age, illness,
disease, and disability. It will begin with
foundational informational examining how drugs
are commonly administered, taken up, metabolized,
and eliminated from the body. Course sections
then focus on body systems that are treated with
common pharmaceuticals and over-the-counter
medications. These sections will examine methods
of drug and medication action, key adverse effects,
and influences on patients undergoing rehabilitation
therapies. Discussion of common drug interactions,
optimal drug administration, and patient errors in
drug, administration will accompany each section.
The course concludes with presentation and
discussion of common OTC drugs, herbals, and
neutraceuticals focusing on their hazards,
interactions with prescription drugs, and adverse
effects affecting successful patient treatment.

Course Objectives:

- 1-Describe basic principles of pharmacokinetics that regulate drug uptake, distribution, bioavailability, metabolism, and excretion.
- 2- Describe benefits, limitations, and adverse affects of drug families used to treat nociceptive pain, inflammation and neuropathic pain.
- 3- Know drug families and drug used to treat disorders and diseases of the a) musculoskeletal b) respiratory c) cardiovascular d) nervous, and e) endocrine systems.
- 4- Describe how drug choices and methods of drug administration influence safety and effectiveness of therapy outcomes.
- 5- Know potentials harms and drug interactions for over the counter medications, herbals, and neutraceuticals.

